

Listing of Claims:

- 1 1. (Original) A process of dying a seat belt with a dye range, the seat belt comprising a
2 woven polyester material containing PET-polycaprolactone diblock copolymer fiber, the
3 process comprising the steps of:
4 introducing the webbing into an oven under tension in the range of about 138-
5 167 C (280-330 F).
- 1 2. (Original) The process as defined in Claim 1 wherein the tension of the webbing
2 within the oven is obtained by a step of: controlling the relative speed of one of a brake
3 and a haul unit, wherein the haul unit operates at about 2-7% faster than the brake unit.
- 1 3. (Original) The process as defined in Claim 1 wherein the dwell time of any particular
2 length of seat belt in the oven is about 3-5 minutes.
- 1 4. (Original) The process as defined in Claim 1 wherein after the seat belt webbing
2 exits the oven, it is washed and then steamed wherein the temperature within a
3 steaming unit is in the range of about 99-105 C (210-220 F).
- 1 5. (Original) The process as defined in Claim 1 wherein the webbing is not quenched
2 while it is within or adjacent to the oven, which is a thermosol oven.
- 1 6. (Original) The process as defined in Claim 1 including the step of submersing the
2 webbing within a dye bath comprising a 2% solution by volume of blended aromatic
3 solvents and monooleate esters carrier.
- 1 7. (Original) The process as defined in Claim 6 wherein the step of submersing the
2 webbing within a dye bath includes immersing the webbing in a solution containing a
3 photo stabilizer based on copper complex and a chlorobenzotriazene UV absorber.

1 8. (Original) The process as defined in Claim 6 wherein the step of submersing the
2 webbing within a dye bath further includes a step of immersing the webbing in a solution
3 containing a polyester resin fatty acid derivative overcoat in the dye mix.

1 9. (Original) The process as defined in Claim 1 including the step of introducing the
2 webbing to a scour unit having a scour mix of at least 2% monoelate ester carrier.

1 10. (Original) The process as defined in Claim 1 including the step of passing the
2 webbing through a terminal dryer and subsequent to drying applying an over coating to
3 the webbing comprising a perfluoroalkylcopolymer emulsion finish.

1 11. (Original) A process of dying a seat belt within a dye range, the seat belt
2 comprising a woven material containing a blended hybrid fiber of the type known as
3 PET-polycaprolactone diblock copolymer fiber, the process comprising the steps of:
4 heating the webbing to a preferred range while under tension and subsequently
5 washing, steaming, finish coating and drying the webbing.